

Converting Colors

Hex(5A2292)

Have a look what the booklet for
Hex(5A2292) contains.

Hex(5A2292)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5A2292)

Conversions

Conversions Part 1

Format	Color
Hex	5A2292
RGB	90, 34, 146
RGB Percent	35%, 13%, 57%
CMY	0.6471, 0.8667, 0.4275
CMYK	0.38, 0.77, 0.00, 0.43
HSL	270°, 62%, 35%
HSV	270°, 77%, 57%
XYZ	9.9768, 5.3930, 27.7093
YIQ	63.5120, -2.5760, 46.7040

Conversions

Conversions Part 2

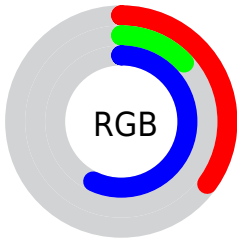
Format	Color
R_{YB}	90, 34, 146
Decimal	5907090
CIE _{Lab}	27.83, 46.95, -51.18
CIE _{LCh}	28, 69.454, 312.534
Yxy	5.3930, 0.2316, 0.1252
Android (android.graphics.Color)	4284097170 (0xFF5A2292)
YUV	63.5120, 40.6666, 23.2300
Hunter-Lab	23.2229, 36.0452, -54.4880

Details

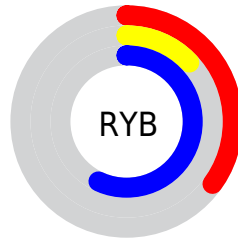
The Hex color **5A2292** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5A9222**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **9155C9**, and **22005E** is the 20% darker color. If you saturate the color by 10%, you get **531392**, and if you desaturate by 10%, it is **613192**.

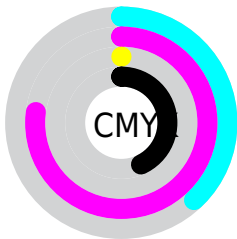
Distribution



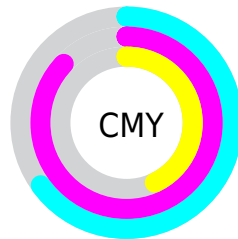
- Red (35%)
- Green (13%)
- Blue (57%)



- Red (35%)
- Yellow (13%)
- Blue (57%)



- Cyan (38%)
- Magenta (77%)
- Yellow (0%)
- Black (43%)



- Cyan (65%)
- Magenta (87%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A2292 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 5A2292 by changing the saturation by 10% instead.

■ 5A2292

■ 5A2292

FFFFFF

■ 3F0478

■ 9155C9

■ 22005E

■ AD6EE5

■ 040046

■ CA89FF

■ 00042E

■ E7A4FF

■ 000119

■ FFBFFF

■ 000000

■ FFDCFF

■ FFF9FF

■ 5A2292

■ 5A2292

■ 531392

■ 613192

■ 4B0592

■ 693F92

■ 490092

■ 704E92

■ 775C92

■ 7E6B92

■ 867A92

■ 8D8892

■ 949792

■ 9CA592

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0042AD



5A2292



8D0063

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5A2292



6A3300



005658

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5A2292



5A9222

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00541F



5A2292



3D4700

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5A2292



8B0000



005000



00568A

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5A2292



980040



005000



005545

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5A2292



A791BD



225A92



51445E



DEDEDE



5E5E5E

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5A2292



660FBD



922292



46434A



45008A



05000A

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



92225A



BD0F66



229222



4A4346



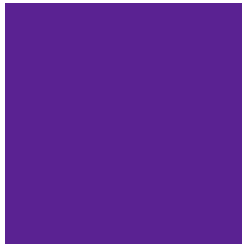
8A0045



0A0005

Previews

White Background



This preview shows how the Hex color 5A2292 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

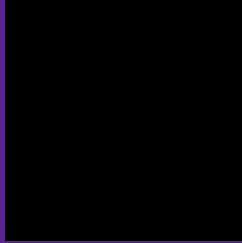
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5A2292 Background



This preview shows how black text looks on a background with the Hex color 5A2292.

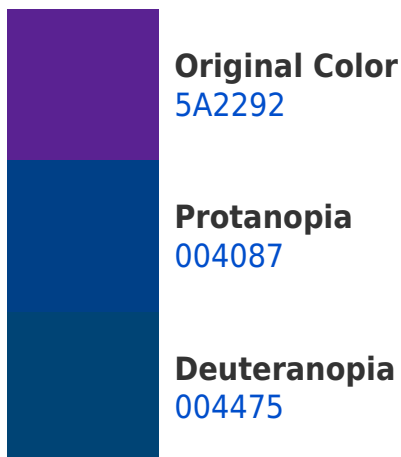


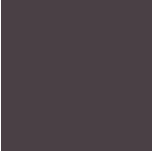
This preview shows how white text looks on a background with the Hex color 5A2292.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
4A4045

Trichromacy



Original Color
5A2292

Protanomaly
21358B

Deuteranomaly
213880

Tritanomaly
503561

Monochromacy



Original Color
5A2292

Achromatopsia
404040

Achromatomaly
49355E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A2292 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #5A2292 looks like.

```
.text, #text, p{  
    color:#5A2292  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #5A2292 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A2292
}
```

Border

The CSS property to change the border of an element to Hex 5A2292 is called "border". The border property can be set on classes, ids or directly on the HTML element.

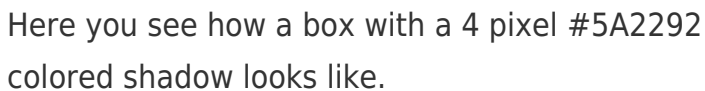
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A2292 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#5A2292 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #5A2292 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A2292; -webkit-box-shadow:4px 4px  
4px 4px #5A2292; box-shadow:4px 4px 4px  
4px #5A2292 }
```

Background

The CSS property to change the background color of an element to Hex 5A2292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A2292 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#5A2292 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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